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		_		Application Number	Not Yet Assigned	
11	NFORMATION	I DI	SCLOSURE	Filing Date	December 9, 2004	
S	STATEMENT BY APPLICANT		First Named Inventor	Yoshihide UENO		
				Art Unit	N/A 1626	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned Andrew Fre	istein
Sheet	1	of	+ 2	Attorney Docket Number	0020-5328PUS1	

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AF/	AA	US-4,540,581-A	09-10-1985	Bristol-Myers Co.	
11/	AB	US-3,705,233-A	12-05-1972	Allen & Hanburys Ltd.	
	AC	US-2,908,691-A	10-13-1959	G.D. Searle & Co.	

		FOREI	GN PATENT D	DCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	l
7AF/	BA**	WO-02/64133-A1	08-22-2002			Ī
/AF/	BB**	WO-96/16038-A1	05-30-1996			I
/AF/	BC**	WO-02/74306-A1	09-26-2002			I
	BD"	WO-01/40182-A2	08-07-2001			ł
/AF/	BE**	WO-01/17513-A2	03-15-2001		•	I
	BF**	WO-00/21500-A2	04-20-2000			İ
7AF7	BG**	JP-11-255743-A	09-21-1999			l
/AF/	BH**	JP-8-165276-A	06-25-1996			I
	Bl**	WO 06/16038-A1	06 06 1996			ł
	8J**	EP 3 774 88 A1	07-11-1990			I
	DK**	EP 3 303 52 A2	10 25 1080			1
	DL**	EP 2-421-73-A1	10 21 1007			I
	DM**	EP-0059-A1	03-19-1980			ł

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NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
/AF/	CA**	Tetrahedron Lett., (2001), 42(43), p. 7671-4					
	CB**	Chemical Abstracts, Vol. 135, abs. No. 344399, RN=371752-47-5	<u> </u>				
	CC**	Chemical Abstracts. Vol. 132, abs. No. 152006, RN=258267-67-3					
	CD**	J. Org. Chem., (1991), 56(14), p. 4403-7	<u> </u>				
	CE**	Chemical Abstracts, Vol. 109, abs. No. 128763	_				
	CF**	J. Med. Chem., (1982), 26(6), p. 670-9	_				
	CG**	J. Med. Chem., (1980), 23(11), p. 1268-9					
V	CH**	Can. Med. Chem., (1976), 54(8), p. 1262-77	L				
	CI**	Chemical Abstracts, Vol. 04, abs. No. 2041e-f					

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Examiner Signature	/Andrew Freistein/ (03/26/2007)	Date Considered	03/26/2007



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Sut	stitute for form 1449A/B/P1	ro				
				Application Number	Not Yet Assigned	
- 11	NFORMATION	N DI	SCLOSURE	Filing Date	December 9, 2004	
S	STATEMENT BY APPLICANT		First Named Inventor	Yoshihide UENO		
	STATEMENT BY APPLICANT			Art Unit	N/A 1626	
	(Use as many sheets as necessary)		Examiner Name	Not Yet Assigned Andrew Fre	istein	
Sheet.	2	of		Attorney Docket Number	0020-5328PUS1	

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ant Passages or Relevant Figures Appear

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Name of Patentee or

Applicant of Cited Document

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Document Number

Number-Kind Code² (If known)

EP-3 774 88-A1

EP 2 424 73 A4

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of Sheet

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AF	AB	US-3,705,233-A	12-05-19	72 Allen & Ha	nburys Ltd.		
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Examiner Initials*	No."	Country Code ³ -Number ⁴ -Kin	d Code ^s (# known)	WW-DD-AAAA	Applicant of Cited Document	or Relevant Figures Appear	r
	6A	WO-02/04133-A1		08-22-2002			
	00**	WO-98/18838-A1		05-30-1990			
	DOS	WO-02/74909-A1		09-20-2002			
	BD**	WO 01/40193 A3		06-07-2004			-
AF	BE**	WO-01/17513-A2		03-15-2001			
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ĀF	BH**	JP-8-165276-A		06-25-1996			
		WO OCHCOOD AA		00.00.1990			+-

U.S. PATENT DOCUMENTS

Publication Date

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07-11-1990

40-05-4989 10-21-1907

09-19-1988

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AF	CD**	J. Org. Chem., (1991), 56(14), p. 4403-7	<u> </u>			
	CE.	Chemical Abstracts, Vol. 109, abs. No. 120700				
	er	J. Mcd. Chem., (1982), 20(0), p. 970-9				
AF	CG**	J. Med. Chem., (1980), 23(11), p. 1268-9				
	CH**	Can, Med, Chem., (1976), 54(8), p. 1262-77	L			
	5	Chemical Abstracts, Vol. 04, abs. No. 20416-1				

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Date Examiner 11/14/2006 /Andrew Freistein/ (11/14/2006) Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known
Application Number	Not Yet Assigned
Filing Date	December 9, 2004
First Named Inventor	Yoshihide UENO
Art Unit	N/A 1626
Examiner Name	Not Yet Assigned A. Freistein
Attorney Docket Number	0020-5328PUS1

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		FOREI	GN PATENT [DOCUMENTS		
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/AF/	BA**_	WO-02/64133-A1	08-22-2002			\vdash
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\square $oldsymbol{W}$	BC**	WO-02/74306-A1	09-26-2002			
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	DF**	WO 00/21508 A2	04-20-2000			=
/AF/	BG**	JP-11-255743-A -	09-21-1999		<u> </u>	
T/AF/	BH**	JP-8-165276-A	06-25-1996			\vdash
	DI**	WO-96/10930-A1	00-00-1990			
	DJ**	EP-3-774-00-A1 .	07-11-1990			=
	BK**	EP 3 383 52 A2 .	10 25 1080			
	BL**	ED 2 421-73 A1-4	10 21 1087			
		EP 8050 A1	03-10-1980			

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V	CH**	Can. Med. Chem., (1976), 54(8), p. 1262-77								
	GI**	Chemical Abetracto, Vel. 64, abs. No. 2941o f								

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Signature	/Andrew Freistein (00/20/2007)	Considered	03/26/2007

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EXAMINER INITIAL	DOCUME	NT NUMBER	Kind	DATE	NAME	CLASS	SVB CLASS	PILING IF APPR	G DATE ROPRIATE	
/AF/	US 6,	458,824	B1	2002-10-01	Iwata et al.			ļ		
	US 6,	310,050	B1	2001-10-30	Advenier et al.			 		
	US 5,	817,689		1998-10-06	Kato et al.		 	 		
	US 5,	030,640		1991-07-09	Fisher et al.		 	 		
	US 4,	987,133		1991-01-22	Kurmeier et al.	 -		 -		
	US 4,	990,509		1991-02-05	Arrowsmith et al.			 -		
	US 5,	114,952		1992-05-19	Arrowsmith et al.		·	 		
	l	378,361		1983-03-29	Schromm et al.			 		
		581,367		1986-04-08	Schromm et al.					
V	US 4,	647,563		1987-03-03	Schromm et al.					
			FOR	EIGN PATENT	DOCUMENTS					
	Office DOCUMENT NUMBER		Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO		
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OTHER	DOCUMEN	NTS (Include Name	of the sutho	r (in CAPITAL LETTERS), ti me-issue number(s), publis	tle of the article (when appropri	ate), titl	e of the ite	m (book, ma	gezine,	
/AF/	M.V. SENN		The Jou	rnal of Pharmac	cology and Experimen		erapeut	ics, V	ol.	
/AF/	J.E. CLIF	TON et al.,	J. Med.	Chem, Vol. 25,	No. 6, pp. 670-679	, 1982				
XAMINER		rew Freistein/		07)	DATE CONSIDERED 03/26	/2007				
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